



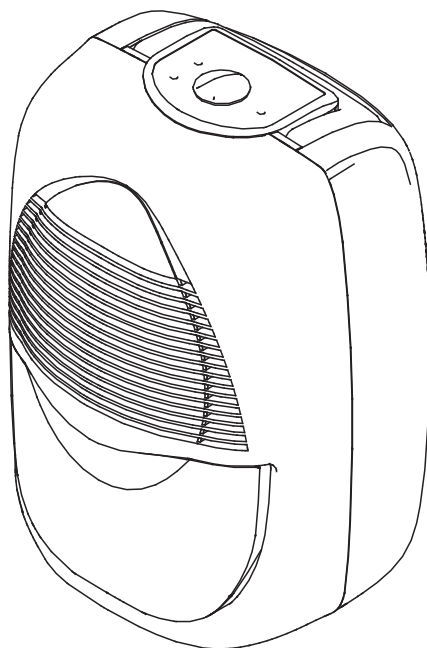
*keeping your home
safe and clean*



USERS MANUAL

Dehumidifier

Model: ECO DC10



Read This Manual

Inside you will find many helpful hints on how to use and maintain your dehumidifier properly. Just a little preventative care on your part can save you a great deal of time and money over the life of your dehumidifier. You'll find many answers to common problems in the chart of troubleshooting tips. Review the chart of Troubleshooting Tips before calling your service engineers.

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BEFORE FIRST USE

Read and follow all the instruction even if you feel you are familiar with the product , and find a place to keep it handy for future reference.

For your convenience record the complete model number (located on the product identification plate) and the date you received the product , together with your purchase receipt and attach to the warranty and service information on page 14.

NOTE: The rating of this product (as marked on the product identification plate) is based on specific loading tests . Normal use may draw significantly less power.

IMPORTANT INSTRUCTIONS

Do not install and use your dehumidifier before completely reading these instruction .

This will help you optimize the operation of your dehumidifier .

The following advice and instructions should be followed closely:

1. Your unit must always be used in an up right position because it contains a compressor.
2. After unpacking your unit, place the unit upright to allow the cooling agent to stabilize , and wait **2 hours** before use .
3. This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances.
4. The appliance shall not be installed in the bathroom.
5. The appliance shall be installed in accordance with national wiring regulations and must be positioned so that the plug is accessible.
6. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Failure to comply with these instructions may damage the unit and will invalidate the warranty .




WEE/EC2601UR

Wiring Instructions: Should it be necessary to change the plug please note the wires in the mains lead are coloured in accordance with the following code:

BLUE - NEUTRAL
BROWN - LIVE
GREEN AND YELLOW - EARTH

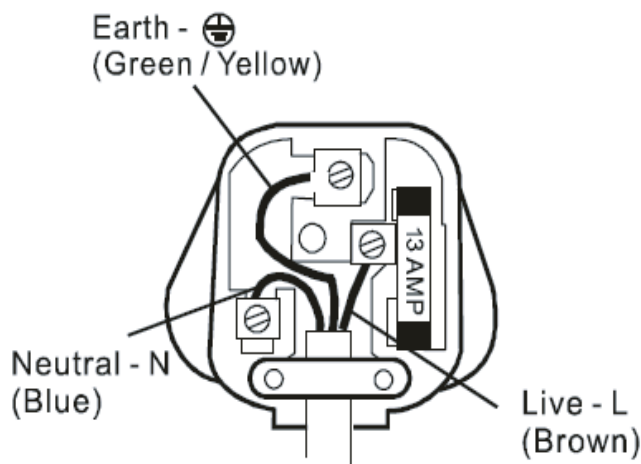
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

1. The **BLUE** wire is the **NEUTRAL** and must be connected to the terminal which is marked with the letter **N** or coloured **BLACK**.
2. The **BROWN** wire is the **LIVE** and must be connected to the terminal which is marked with the letter **L** or coloured **RED**.
3. The **GREEN/YELLOW** is the **EARTH** and must be connected to the terminal which is marked with the letter **E** or  or coloured **GREEN OR GREEN/YELLOW**.
4. Always ensure that the cord grip is positioned and fastened correctly.

If a **13A (BS 1363)** fused plug is used it must be fitted with a **13A** fuse. If in doubt consult a qualified electrician.

Wiring for a 13 Amp Plug (BS1363)

Please note. The Earth Terminal is marked with the letter **E** or  Earth Symbol.



IMPORTANT SAFEGUARDS

When using any electrically powered , basic safety precaution should always be followed , including the following:

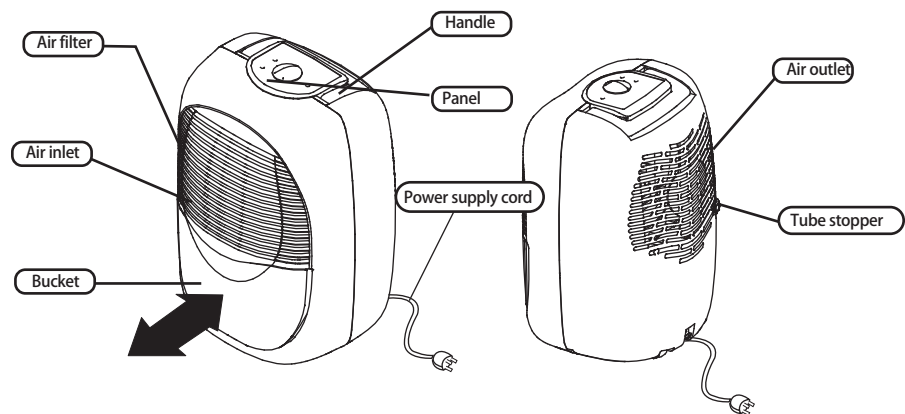
PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING THE PRODUCT

WARNING-to reduce the risk of fire , electrical shock or injury to persons or property :

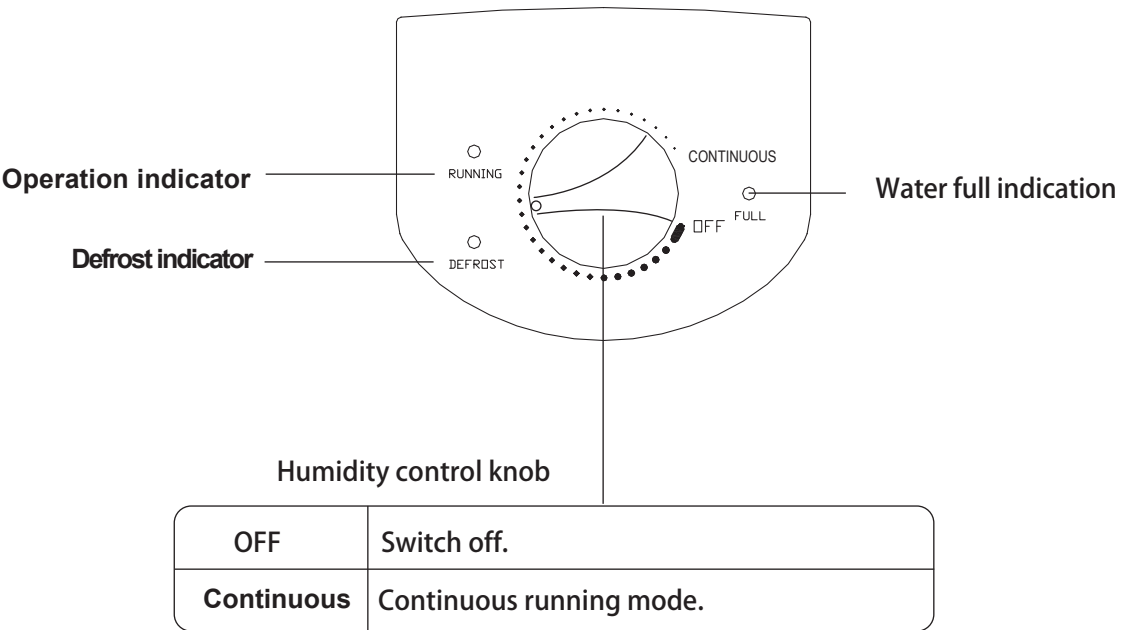
1. Always operate the product from a power source of the same voltage ,frequency and rating as indicated on the product identification plate .
2. Close supervision is necessary when any product is used by or near children or invalids .Do not allow children to use it as a toy .
3. Do not operate any product with a damaged cord or plug, or after the product malfunctions, or is dropped or appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
4. Never connect the unit to a defective socket.
5. To avoid tripping the circuit, DO NOT USE AN EXTENSION CORD FOR THIS UNIT.
6. Make sure that the unit is correctly connected before turning on the unit's power. Never lay down the unit while it is working.
7. Always keep it in an upright position to avoid any damage to the unit.
8. Switch off and unplug from outlet when not in use or before cleaning.
9. To turn on your unit, always use the switch on the control panel.
10. Never unplug the dehumidifier while it is working, This could damage the electronic circuits.
11. Never place anything on top of the unit and do not cover it with any kind of cloth while it is plugged in or in-use.
12. Do not place objects on the product or allow objects to obstruct the inlet or outlet openings, or operate in close proximity to walls or curtains, etc.
13. The use of attachments or accessories not recommended or sold by the product distributor may cause personal or property hazards or injuries.
14. Keep the area around the warm air outlet sufficiently clean and make sure that it is not congested.
15. Allow at least 20 cm of air space on all sides of the unit for good air ventilation.
16. Do not place the power cord under a carpet.
17. Never install the unit in direct sunshine.
18. Prevent children from climbing on the unit.
19. This product is intended for normal domestic/household use only.
20. Repairs should only be carried out by competent service department.
21. The operating temperature range is 5°C~35°C.
22. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

PLEASE READ AND SAVE THESE INSTRUCTIONS

PRODUCT DESCRIPTION



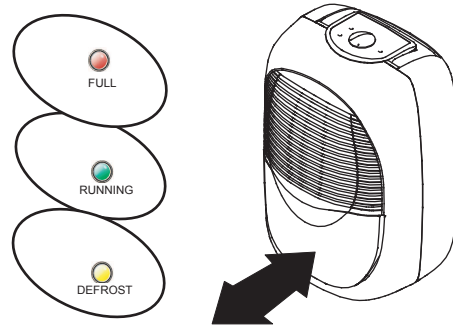
THE CONTROL PANEL



OPERATING INSTRUCTIONS

Start Operation

1. Ensure that the unit is connected to the power socket.
2. Make sure the water tank is correctly positioned.
Before using, remove and re-install bucket to properly set the float switch.
3. Turn the humidity control knob to the desired setting (💧, 💧💧, 💧💧💧) or CONTINUOUS to work.
4. The unit will shut down when turned to OFF position or when the tank is full.



* * While turning on (or off) the machine , the defrost lamp would be bright once .

Humidistat Dial

Turn the knob clockwise to turn on the unit with a desired humidity setting.

Turn it counterclockwise to switch off.

The humidistat can be set along 💧 (80 ~ 60%RH), 💧💧 (60 ~ 45%RH), 💧💧💧 (45 ~ 35%RH) or other positions to control the unit on and off automatically for keeping the room humidity at a suitable humidity. At CONTINUOUS, the unit will run continuously

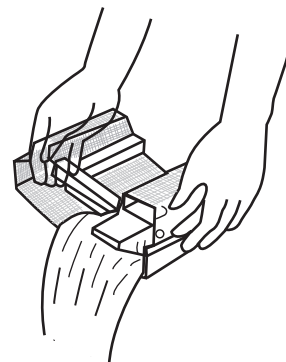
Note: (RH indicated has a $\pm 8\%$ RH tolerance and may vary depending on room temperature.)

Full Bucket Lamp

The lamp will illuminate when the water container is full.

To empty the unit, first unplug from power source then carefully remove the tank and empty the collected water. Replace the bucket carefully before switching the unit on again.

Remove the water in the water tank with two hands



Defrost Lamp

If the ambient temperature is too low the unit will automatically start to defrost and the light will illuminate. The defrost lamp will also illuminate if the air filter becomes clogged.

* * This unit has 3-min lag due to the device for protecting circuit .In order to prolong the compressor's working life, the compressor will not start until the unit has run for 3 minutes.

* * Do not use the extension cord or the same socket with other electric appliance.

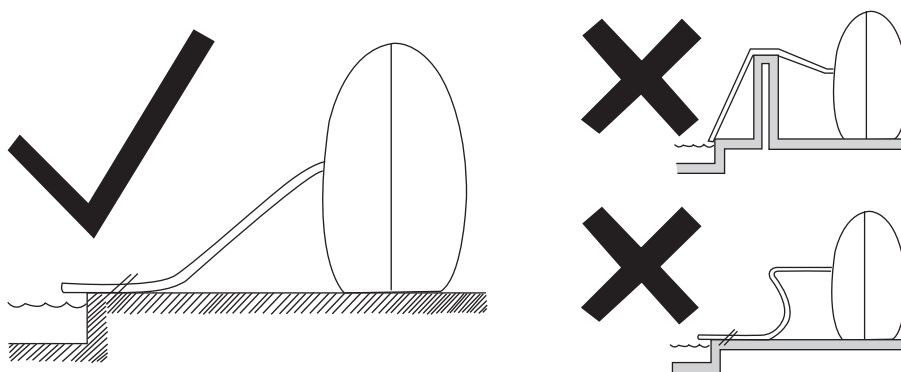
CONTINUOUS DRAINAGE

CONTINUOUS DRAINAGE

| | | | |
|--|--------------|------------------|--------------|
| 1. Use a 14mm inner diameter hose (Not Supplied) for permanent drainage. | For drainage | Back of the unit | Hose stopper |
| 2. Take out the continuous drainage tube stopper from the drainage pipe (outlet) | | | |
| 3. Take out the bung from the drainange pipe. | Bung | | Hose stopper |
| 4. Connect the hose to the drain tap. | PVC hose | | |

Correct Use When Drainage Hose Is Connected

When using continuous drainage, the PVC hose must be placed at a downward slope, below the drainage hole. Avoid uneven surfaces and do not 'kink' the hose.



MAINTENANCE

Before cleaning the unit, turn it off and unplug it from the outlet.

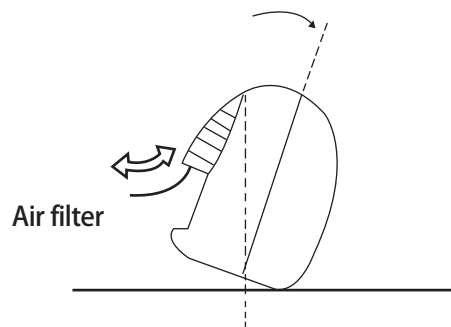
EXTERIOR SURFACES OF THE UNIT

- Clean the dehumidifier by using a damp sponge, and dry it with a clean, soft cloth.
- Never use alcohol or any product containing solvents.
- Do not immerse unit in water.

AIR FILTERS

The air filters located inside the unit collect dust contained in the air. To keep the dust from clogging, your unit must always be used with its filter (which needs to be cleaned at least once every two weeks).

- The build up of dust reduces the efficiency of the dehumidifier. Therefore, the air filters must be cleaned every two weeks, and more often if the machine operates in a dusty atmosphere.
- If the filters are obstructed, the dehumidifier will be less efficient.
- To remove the filter, first tilt the dehumidifier backward, then pull the filter downward and forward until it is free of the body of the unit.



- Clean the filters with a vacuum cleaner. If the filters are very dirty, you can wash them in warm water (never use hot or soapy water). Make sure that the air filters are completely dry before putting them back on the unit.
- Do not bend the filters.

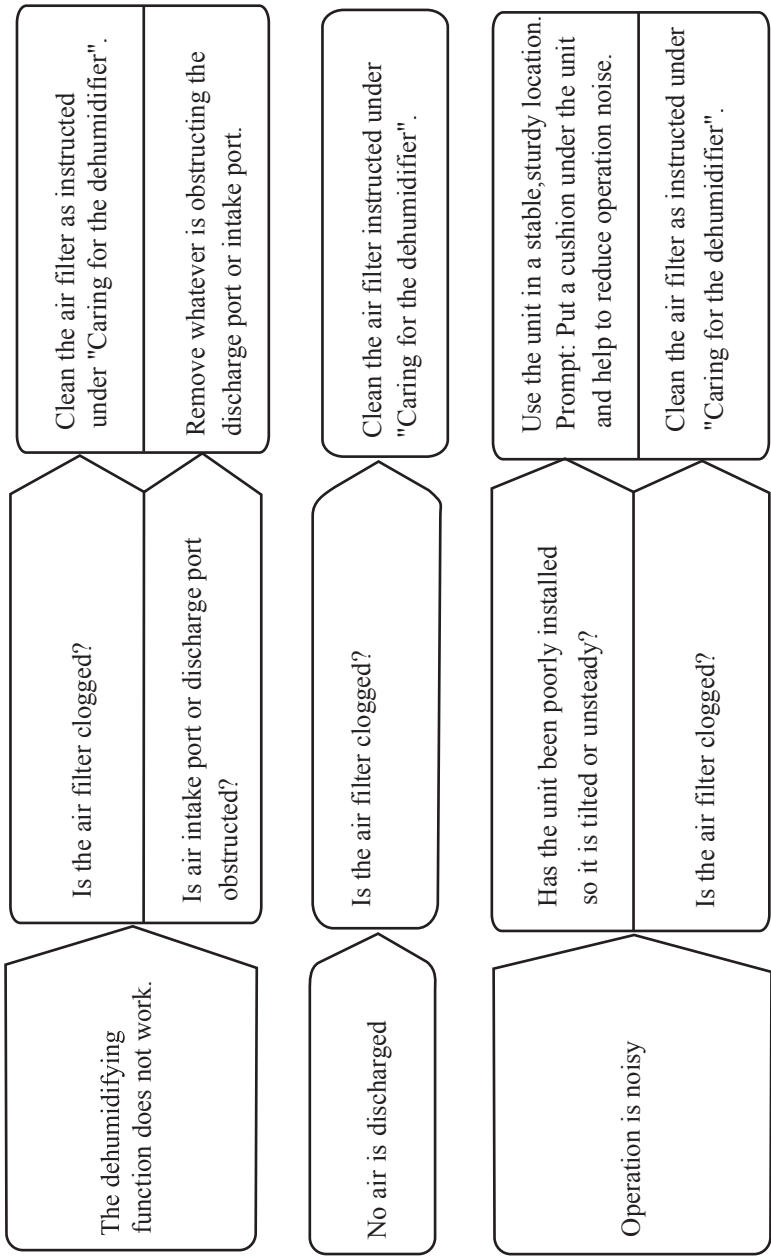
Maintenance

Troubleshooting

You can please follow the checklist below to help resolve any problems in the first instance.

| Condition | Cause | What to do |
|------------------------------------|--|--|
| The unit does not operate | Has the power supply cord been disconnected? | Plug the power supply cord into the outlet. |
| | Is the "Red" lamp blinking?(The tank is full or in a wrong position. | Discard the water in the drainage tank ,and then reposition the tank. |
| | Is the temperature of the room above36°C or below 5°C. | The protection device is actuated and the unit can not be started in case operation is under the bad environment(in that case,please do not use the dehumidifier). |
| The "Running" lamp goes on and off | The connections to the units may be loose or malfunctioning. | Switch off and unplug. Check the device is placed on a flat stable surface and replug and switch on again. |

MAINTENANCE



If the problem persists please contact the manufacturer for further any technical help.

Do not attempt to carry out repairs by yourself.

Do not operate the unit if the cable or plug is damaged, but take it to a qualified technician. Unauthorized repairs may damage the unit or cause injury to persons and damage to property, and the warranty is invalidated.

NOTE:

Please contact EcoAir (Tel: +44 208 459 2458) or if outside the UK, your retailer if the problem continues.

Do not try to repair it by yourself, as this could cause an electrical shock.

MAINTENANCE

- The following symptoms do not indicate a breakdown

| symptom | Reason |
|---|--|
| The operation noise suddenly increases during use. | The operation noise increases when the compressor is activated. |
| The humidity does not drop | 1) The humidity setting is incorrect. 2) The room not warm. 3) The filter clogged with dust. 4) The unit too close to wall or any object. 5) Is the room size too big for the unit? 6) Are windows or doors opened and closed frequently? |
| Very little dehumidifying takes place, or none takes place. | This happens if the temperature and/or humidity of the room is sufficiently low. |
| When the unit is first used, the discharged air smells musty. | Because the temperature of the head exchanger rises abruptly, an unusual or musty odour may occur. |

MAINTENANCE

The unit echoes

If the unit is used in a room with wood flooring or in a small room, it may echo.

When operation is started or the operation mode is changed, an unusual noise is heard in main unit.

The refrigerant may take some sound until circulation stabilizes.

There are some stains left in the drainage tank.

This is water left from the dehumidifying test conducted during quality control checks. It does not indicate a problem.

The fan is running and the compressor does not work .

When the unit is first powered up or after a defrosting operation, it will take 3 minutes before the compressor begins operation. This is a protection device to protect the compressor and prolong its life.

Water Leaking

- 1) Room Temp. low.
- 2) The unit was moved while it was turned on.
- 3) The unit not on the level surface e.g on thick carpet.
- 4) Tank was removed during or soon after operation.
- 5) The air filter clogged with dust.
- 6) Used in a dusty environment.

LONG TERM STORAGE

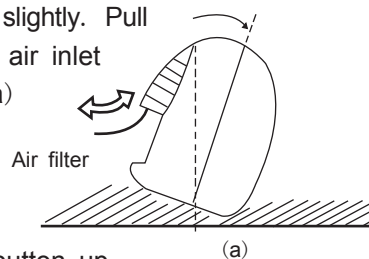
At the end of the season, or when you do not plan to use the unit for an extended period of time, we recommend that you take the following steps.

- Remove water from the water bucket. If continuous drainage hose is connected, disconnect it.
- Disconnect the unit and wrap the power cord and plug.
- Clean the unit and store it, protecting it from dust.
- Store the unit in an upright position. Keep it in a cool, dry place and away from sunshine.

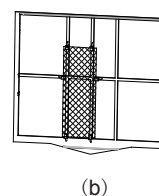
INSTALLATION AND MAINTENANCE OF HEALTHY FILTER

Installation Instruction:

1. Take out the tank and heel the dehumidifier backward slightly. Pull out the filter downwards by pinching its edge below air inlet grill of the dehumidifier. (As shown in right figure a)



2. Insert the healthy filter into the groove for filter and button up. (As shown in right figure b).



3. Put the filter back into the dehumidifier.

Clean and Maintenance

Remove the healthy filter before cleaning and reinstall after cleaning according to the installation instruction.

■ Changing your filter

The filter will last for one year under normal usage condition.

We recommended changing the filter at least once every 6 - 12 months.

ONE (1) YEAR LIMITED WARRANTY

Save This Warranty Information

Eco Air guarantees this product free from defects in materials and workmanship for a period of one (1) year from the date of purchase. Coverage is valid only with proof of purchase.

This unit must be operated under conditions as recommended, at voltage indicated on the unit. Any attempts made to service or modify the unit, will render this WARRANTY VOID. The actual product may differ slightly from illustration. This warranty is in addition to, and does not affect, your statutory rights.

For further information, please contact 020 8459 2458.

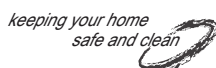
This product has been manufactured to comply with the EC Directives 2006/95/EC and 2004/108/EC.

We recommend that you note the details of your purchase below and retain your original proof of purchase receipt with this manual. Keep these documents safe in the event of a warranty claim.

Date of purchase: _____

Retailer name: _____

Serial number: _____



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